

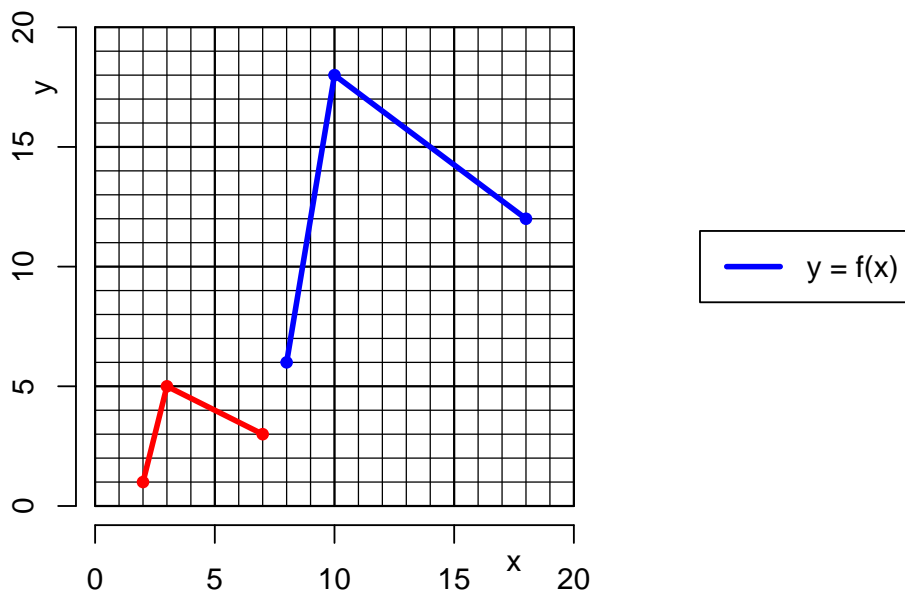
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## PCW\_09\_18 Find new points after transformation (version 38)

### Question 1

Curve  $y = f(x)$  contains points  $(8, 6)$  and  $(10, 18)$  and  $(18, 12)$ , as shown on the  $x$ - $y$  plane below.

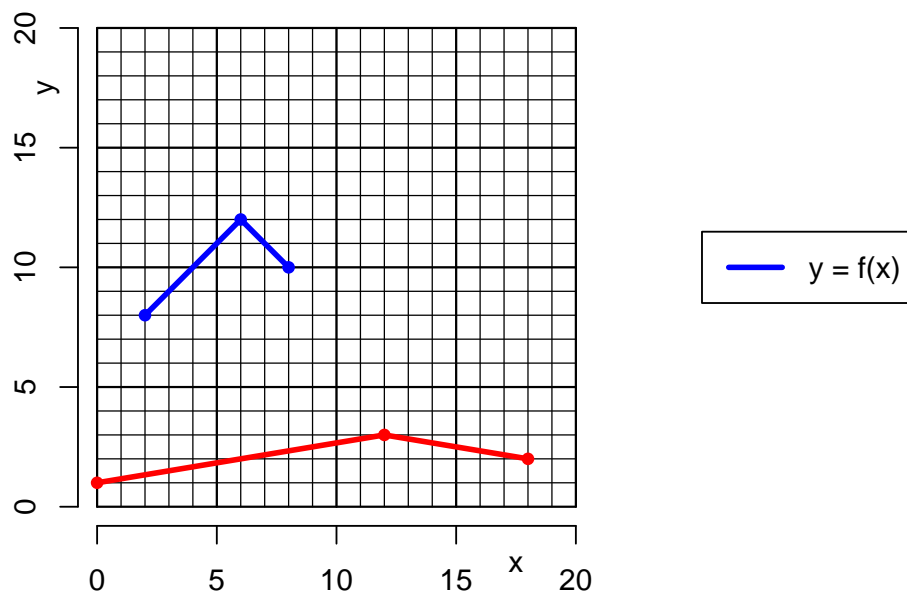


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[2(x+2)]}{3} - 1$$

## Question 2

Curve  $y = f(x)$  contains points  $(2, 8)$  and  $(6, 12)$  and  $(8, 10)$ , as shown on the  $x$ - $y$  plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+6}{3}\right]}{2} - 3$$